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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/549,973	09/20/2005	Yasuto Ueda	KO0486US (#90697)	3461

7590 11/15/2007

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EXAMINER	
BHATTACHARYA, SAM	
ART UNIT	**PAPER NUMBER**
2617	
MAIL DATE	**DELIVERY MODE**
11/15/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/549,973	UEDA, YASUTO	
	Examiner	Art Unit	
	Sam Bhattacharya	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☐ Responsive to communication(s) filed on _____.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-34* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-34* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *07 April 2006* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *see attached*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-11 and 34 are rejected under 35 U.S.C. 102(b) as being anticipated by JP 2002-169736 (hereinafter '736).

Regarding claim 1, '736 discloses a communication system comprising: an IC tag attached to a business card; a first information-and-telecommunication terminal for carrying reader function to the IC tag attached to the business card; and a server for distributing contents corresponding to information memorized in the IC tag; wherein the first information-and-telecommunications terminal accesses the server by reading access information memorized in the IC tag by the reader function, and acquires and displays the contents corresponding to the access information concerned. See paragraphs 2-5.

Regarding claim 2, '736 discloses further comprising: a second information-and-telecommunication terminal for carrying reader/writer function, and is owned by a distributor of the business card; wherein the second information-and-telecommunication terminal accesses the server and performs creation/renewal of the contents. See paragraphs 2-5.

Regarding claim 3, '736 discloses wherein the second information-and-telecommunication terminal writes the access information of created and updated contents in the IC tag by the reader/writer function. See paragraphs 4-5.

Regarding claim 4, '736 discloses wherein the second information-and-telecommunication terminal includes an information disclosure level of the contents for every receipt person of the business card, said information disclosure level being arbitrarily changeable. See paragraphs 8 and 9.

Regarding claim 5, '736 discloses wherein the contents are personal information of the distributor of the business card. See paragraph 8.

Regarding claim 6, '736 discloses a communication method applied to a communication system including an IC tag attached to a business card, a first information-and-telecommunication terminal for carrying a reader function to the IC tag attached to the business card, a second information-and-telecommunication terminal for carrying a reader/writer function, which is owned by a distributor of the business card and a server for distributing contents corresponding to information memorized in the IC tag, wherein the first information-and-telecommunication terminal comprises the steps of: a reading step for reading access information memorized in the IC tag by the reader function; an acquiring step for acquiring contents corresponding to the access information by accessing the server; and a displaying step for displaying the acquired contents corresponding to the access information; and wherein the second information-and-telecommunication terminal comprises the steps of: a creating and updating step for creating and updating the contents by accessing the server; and a writing step for writing access information of the created and updated contents in the IC tag by using the reader/writer function. See paragraphs 2-5.

Regarding claim 7, '736 discloses wherein the second information-and-telecommunication terminal further comprises a setting step for arbitrarily setting a change of

information disclosure level of the contents for every receipt person of the business card. See paragraphs 8 and 9.

Regarding claim 8, '736 discloses wherein the contents offer personal information of a distribution person of the business card. See paragraphs 16 and 17.

Regarding claim 9, '736 discloses a communication program applied to a communication system including an IC tag attached to a business card, a first information-and-telecommunication terminal for carrying a reader function to the IC tag attached to the business card, a second information-and-telecommunication terminal for carrying a reader/writer function, which is owned by a distributor of the business card and a server contents corresponding to information memorized in the IC tag, wherein the first information-and-telecommunication terminal comprises the processes of: a reading process for reading URL information as access information memorized in the IC tag by the reader function; an acquiring process for acquiring contents corresponding to the access information by accessing the server; and a displaying process for displaying the acquired contents corresponding to the access information; and wherein the second information-and-telecommunication terminal comprises the processes of: a creating and updating process for creating and updating the contents by accessing the server; and a writing process for writing access information of the created and updated contents in the IC tag by using the reader/writer function. See paragraphs 2-5 and 12.

Regarding claim 10, '736 discloses wherein the second information-and-telecommunication terminal further comprises a setting process for arbitrarily setting a change of information disclosure level of the contents for every receipt person of the business card.

Regarding claim 11, '736 discloses wherein the contents offer personal information of a distribution person of the business card. See paragraphs 8 and 9.

Regarding claim 34, '736 discloses wherein the business card is attached to the IC tag or is attached with a bar code having URL information instead of attaching to the IC tag, and wherein the first information-and-telecommunication terminal comprises a reader function for reading the bar code attached on the business card, accesses to the contents management server by reading the access information included in the bar code using the reader function, and displays contents corresponding to the access information acquired from the contents management server. See paragraphs 8-10.

3. Claims 12-33 are rejected under 35 U.S.C. 102(b) as being anticpated by JP 2002-223478 (hereinafter '478).

Regarding claim 12, '478 discloses a communication system comprising: an IC tag attached to an object; a reader/writer provided with a function for communicating with the IC tag for a predetermined time; a mobile information terminal for carrying the reader/writer; wherein the mobile information terminal comprises the functions of: a first alarm emission function for emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible; a second alarm emission function for emitting a second alarm when communication with the reader/writer and the IC tag becomes possible; a position information acquisition function for acquiring a position information of the mobile information terminal when communication with the reader/writer and the IC tag becomes impossible; and a display function

for displaying the position information acquired by the position information acquisition function. See paragraphs 12-15.

Regarding claim 13, '478 discloses wherein the mobile information terminal suitably changes a timing for acquiring the position information by the position information acquisition function in accordance with an electric wave environment when communication of the reader/writer and the IC tag becomes impossible. See paragraphs 14 and 15.

Regarding claim 14, '478 discloses wherein the IC tag provides a unique identification number and setting change of correlation data with the object being arbitrarily possible via the reader/writer from the mobile information terminal. See paragraph 19.

Regarding claim 15, '478 discloses wherein the first alarm and the second alarm are different or are the same and are selected from the group of alarms consisting of sound, luminescence, vibration and screen information, or its combination, and the setting change being arbitrarily possible from the mobile information terminal. See paragraph 21.

Regarding claim 16, '478 discloses wherein the position information acquisition function receives electric wave intensity with two or more base stations and acquires the position information based on said received electric wave intensity with two or more base stations. See paragraph 21-22.

Regarding claim 17, '478 discloses wherein the position information acquisition function communicates with a GPS Satellite via base stations for acquiring the position information. See paragraph 14-16.

Regarding claim 18, '478 discloses wherein said system further comprises a communication line and a management server, and wherein said communication line connects

said mobile information terminal with said management server provides the function for transmitting the first alarm and the position information acquired by the position information acquisition function to the management server. See paragraph 12-14.

Regarding claim 19, '478 discloses wherein the management server provides information program about the communications system using the IC tag and offers information about a lost article in the information program for a terminal device accessible via the communication line. See paragraph 15-17.

Regarding claim 20, '478 discloses a communication program applied to a communication system including an IC tag attached to an object, a reader/writer provided with a function for communicating with the IC tag for a predetermined time, and a mobile information terminal for carrying the reader/writer; wherein the mobile information terminal comprises the following processes: a first alarm emission process for emitting a first alarm when communication with the reader/writer and the IC tag becomes impossible; a second alarm emission process for emitting a second alarm when communication with the reader/writer and the IC tag becomes possible; a position information acquisition process for acquiring a position information of the mobile information terminal when communication with the reader/writer and the IC tag becomes impossible; and a display process for displaying the position information acquired by the position information acquisition process. See paragraph 12-15.

Regarding claim 21, '478 discloses further including a management server and a communication line, wherein said communication line connects said mobile information terminal is with said management server and provides a process for transmitting the first alarm and the

position information acquired by the position information acquisition process to the management server. See paragraph 15.

Regarding claim 22, '478 discloses wherein the mobile information terminal provides a process for restricting functions of the mobile information terminal when the mobile information terminal is in a missing condition. See paragraph 15-17.

Regarding claim 23, '478 discloses wherein the position information acquisition process changes the acquisition timing of the position information according to an electric wave environment. See paragraph 16.

Regarding claim 24, '478 discloses a communication system comprising: an IC tag attached to an object; a reader/writer provided with a function for communicating with the IC tag for a predetermined time; and a mobile information terminal for carrying the reader/writer; wherein the mobile information terminal emits a first alarm when communication with the reader/writer and the IC tag becomes impossible, emits a second alarm when communication with the reader/writer and the IC tag becomes possible; and wherein the first alarm and the second alarm are different or are the same and are selected from the group of alarms consisting of sound, luminescence, vibration and screen information, or its combination, and wherein the setting change is arbitrarily possible from the mobile information terminal. See paragraph 12-15.

Regarding claim 25, '478 discloses wherein the mobile information terminal detects and temporarily memorizes the position information of the mobile information terminal when communication with the reader/writer and the IC tag is possible, and displays the temporarily memorized position information when communication with the reader/writer and the IC tag becomes impossible. See paragraph 16.

Regarding claim 26, '478 discloses a communication system comprising: an IC tag attached to an object; a reader/writer provided with a function for communicating with the IC tag for a predetermined time; and a mobile information terminal for carrying the reader/writer having a position information; wherein the mobile information terminal detects and temporarily memorizes the position information of the mobile information terminal when communication with the reader/writer and the IC tag is possible, emits an alarm when communication with the reader/writer and the IC tag becomes impossible, and displays the temporarily memorized position information. See paragraph 12-15.

Regarding claim 27, '478 discloses wherein the IC tag provides a unique identification number and arbitrarily sets change of correlation data with the object via the reader/writer from the mobile information terminal. See paragraph 17.

Regarding claim 28, '478 discloses wherein the mobile information terminal emits a first alarm when communication with the reader/writer and the IC tag becomes impossible, and emits a second alarm when communication with the reader/writer and the IC tag becomes possible. See paragraph 17.

Regarding claim 29, '478 discloses wherein the first alarm and the second alarm are different or are the same and are an alarm selected from the group consisting of sound, luminescence, vibration and screen information, or its combination, and setting change being arbitrarily possible from the mobile information terminal. See paragraph 20.

Regarding claim 30, '478 discloses further comprises two or more base stations and wherein the mobile information terminal detects and temporarily memorizes the position information of the mobile information terminal using said two or more base stations when

communication with the reader/writer and the IC tag is possible, and displays the temporarily memorized position information when communication with the reader/writer and the IC tag becomes impossible. See paragraph 21.

Regarding claim 31, '478 discloses wherein the mobile information terminal includes a GPS function comprising a GPS satellite and base stations, and detects and temporarily memorizes the position information of the mobile information terminal by communicating with said GPS satellite via said base stations, and displays the temporarily memorized position information when communication with the reader/writer and the IC tag becomes impossible. See paragraph 20.

Regarding claim 32, '478 discloses wherein the mobile information terminal acquires the position information of the mobile information terminal by communicating with the GPS Satellite and the base stations whenever communication with the reader/writer and the IC tag is performed, overwrites and updates the acquired position information on the temporarily memorized position information. See paragraph 19.

Regarding claim 33, '478 discloses a communication program applied to a communication system including an IC tag attached to an object, a reader/writer provided with a function for communicating with the IC tag for a predetermined time, and a mobile information terminal for carrying the reader/writer; wherein the mobile information terminal comprises the processes of: a communication control process for controlling communication with the reader/writer and the IC tag; and a position information detection/memory process for detecting the position information of the mobile information terminal and temporarily memorizes the detected position information when communication with the reader/writer and the IC tag is

possible. See paragraph 12-15.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sam Bhattacharya whose telephone number is (571) 272-7917. The examiner can normally be reached on Weekdays, 9-6, with first Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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